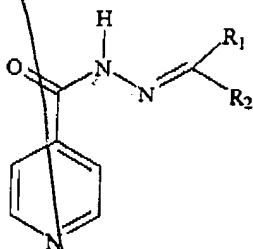


17. (Twice Amended) A method for producing an antimycobacterial compound of the formula:



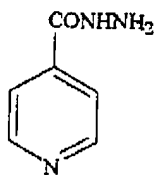
wherein  $R_1$  is H; and

wherein  $R_2$  is phenyl, substituted phenyls, naphthyls and substituted naphthyls or

wherein  $R_1R_2$  = optionally substituted carbocyclic groups;

which comprises:

refluxing



with absolute ethanol to produce a solution;

adding a carbonyl compound comprising the formula of:



wherein  $R_3 = H$  or  $CH_3$ ; and

wherein  $R_4 = C_1$  to  $C_{14}$  alkyl,  $C_2$  to  $C_{10}$  substituted alkyl,  $C_2$  to  $C_{10}$  alkenyl,  $C_2$  to  $C_9$  substituted alkenyl,  $C_2$  to  $C_9$  substituted dialkenyl,  $C_3$  to  $C_7$  cycloalkyl,  $C_3$  to  $C_7$  substituted cycloalkyl, phenyl, substituted phenyl,  $C_7$  to  $C_{16}$  phenylalkyl,  $C_7$  to  $C_{16}$  substituted phenylalkyl, benzyl, substituted benzyl, naphthyl, substituted naphthyl, heterocycle, substituted heterocycle, halo, hydroxy, amino, or carboxy; or

wherein  $R_3R_4 = C_4$  to  $C_8$  cycloalkyl or  $C_4$  to  $C_{10}$  substituted cycloalkyl;

to the solution to produce a reaction mixture, the reaction mixture having a mole ratio of carbonyl compound to compound (1) of 1.67 to 1.00;

distilling the reaction mixture;

precipitating a solid from the reaction mixture;

filtering the solid; and

drying the solid to obtain I.

Please add the following claims:

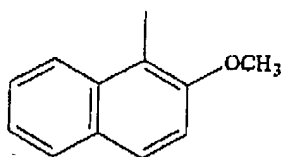
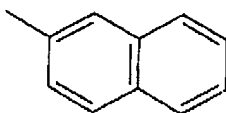
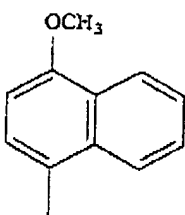
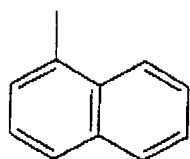
24. (New) The method of claim 17 wherein  $R_2$  of compound I is phenyl substituted with 1 to 3 substituents selected from the group consisting of a halogen, a hydroxyl, a methoxy, a benzyloxy, a phenoxy, a trifluoromethyl, an isopropyl, and a thiomethyl group.

25. (New) The method of claim 24 wherein  $R_2$  of compound I = 4-*iso*- $C_3H_7C_6H_4$ , 2,5-di(Cl) $C_6H_3$ , 2,3,5-tri(F) $C_6H_2$ , 2-F-4- $CF_3C_6H_3$ , 3,4,5-tri(F) $C_6H_2$ , 2-Cl-6- $CH_3O$ -*iso*- $C_9H_4N$ , 2-F-3-Cl-6- $CF_3C_6H_2$ , 2,4-di( $CF_3$ ) $C_6H_3$ , 2,6-di(F)-3-Cl- $C_6H_2$ , 2-F-3-Cl-5- $CF_3$ - $C_6H_2$ , 2-F-5-Br- $C_6H_3$ , 2- $CH_3S$ - $C_6H_4$ , 2-O- $C_7H_7C_6H_4$ , 3-O- $C_7H_7C_6H_4$ , 4-O- $C_7H_7C_6H_4$ , 2,4,5-tri(F) $C_6H_2$ , 2-F-5-I- $C_6H_3$ , 2,3,4-tri(OH) $C_6H_2$ , 4- $C_6H_4$ -CH=NNHCO-4- $C_3H_4N$ , 4- $C_6H_4$ -O- $CH_2CH_2CH_2CH_3$ , 4- $C_6H_4NO_2$ , 2- $C_6H_4OH$ , 4-OH-3-O $CH_3C_6H_3$ , 4- $C_6H_4OCH_3$ , 3- $C_6H_4OCH_3$ , 4- $C_6H_4F$ , 3,5-di( $CH_3$ )-4-O- $C_7H_7$ , 2-

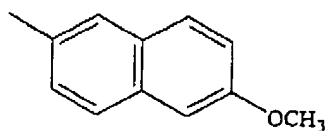
F-4-OCH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>, 2-ClC<sub>6</sub>H<sub>4</sub>, 4-BrC<sub>6</sub>H<sub>4</sub>, 3-C<sub>6</sub>H<sub>4</sub>NO<sub>2</sub>, 4-C<sub>6</sub>H<sub>4</sub>O(CH<sub>2</sub>)<sub>5</sub>CH<sub>3</sub>, 2-Cl-5-NO<sub>2</sub>C<sub>6</sub>H<sub>3</sub>, 4-Cl-3-NO<sub>2</sub>C<sub>6</sub>H<sub>3</sub>, 2-C<sub>6</sub>H<sub>4</sub>NO<sub>2</sub>, 2-6-di(Cl)C<sub>6</sub>H<sub>3</sub>, 2,3-di(Cl)C<sub>6</sub>H<sub>3</sub>, 3,4-di(F)C<sub>6</sub>H<sub>3</sub>, 2,6-di(F)C<sub>6</sub>H<sub>3</sub>, 3,4-di(Cl)C<sub>6</sub>H<sub>3</sub> or 4-C<sub>6</sub>H<sub>4</sub>Cl.

B2  
cont

26. (New) The method of claim 17 wherein R<sub>2</sub> of compound I =

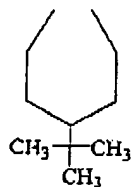
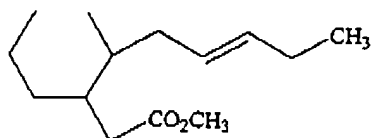


or



B<sup>2</sup>  
Cot

27. (New) The method of claim 17 wherein R<sub>1</sub>R<sub>2</sub> of compound I is



or

